

IN THE SPECIFICATION

Please amend the paragraphs on page 48, line 1, through page 53, line 21, of the specification as follows:

FIG.1

10 — CDMA TRANSMISSION APPARATUS

11 — SPREADING CODE GENERATION

12 — MAPPING

TRANSMISSION DATA

14 — SYMBOL COPY

15 — MULTIPLICATION

16 — FILTER

17 — QUADRATURE MODULATION

FIG.2

20 — CDMA RECEPTION APPARATUS

21 — SPREADING CODE GENERATION

23 — QUADRATURE DEMODULATION

24 — FILTER

26 — MULTIPLICATION

27 — INTER-SYMBOL ADDITION

28 — DEMAPPING

RECEPTION DATA

FIG.3

100 — SPREADING CODE GENERATING APPARATUS

101 — CALCULATION

102 —  $e^{j(2n\pi/N)}$  CODE LENGTH SETTING

103 — CODE NUMBER SETTING

104 — CHIP NUMBER SETTING

105 —  $n=a \times b$  CALCULATION

FIG.4

ST0 — START

ST1 — SET CODE LENGTH N (ARBITRARY NATURAL NUMBER)

ST2 — CODE NUMBER

ST3 — CHIP NUMBER

ST5 — CALCULATE  $C(a,b)=e^{j(2n\pi/N)}$

ST6 — OUTPUT  $C(a,b)$

END

FIG.5

200 — CDMA TRANSMISSION APPARATUS

201 — SPREADING CODE GENERATION

202 — MAPPING

TRANSMISSION DATA

204—SYMBOL COPY

205—MULTIPLICATION

206—FILTER

207—QUADRATURE MODULATION

FIG.6

300—CDMA RECEPTION APPARATUS

301—SPREADING CODE GENERATION

303—QUADRATURE DEMODULATION

304—FILTER

306—MULTIPLICATION

307—INTER-SYMBOL ADDITION

308—DEMAPPING

RECEPTION DATA

FIG.7A~FIG.7C

SPREADING CODE

FIG.9

400—SPREADING CODE GENERATING APPARATUS

401— $e^{j(2f(n)\pi/N)}$  CALCULATION

102—CODE LENGTH SETTING

103—CODE NUMBER SETTING

104—CHIP NUMBER SETTING

105— $n=a \times b$  CALCULATION

FIG.10

500—CDMA TRANSMISSION APPARATUS

501—SPREADING CODE GENERATION

202—MAPPING

TRANSMISSION DATA

204—SYMBOL COPY

205—MULTIPLICATION

206—FILTER

207—QUADRATURE MODULATION

FIG.11

600—CDMA RECEPTION APPARATUS

601—SPREADING CODE GENERATION

303—QUADRATURE DEMODULATION

304—FILTER

306—MULTIPLICATION

307—INTER-SYMBOL ADDITION

308—DEMAPPING

~~RECEPTION DATA~~

FIG.12

~~700—CDMA TRANSMISSION APPARATUS~~

~~701—SCRAMBLING CODE GENERATION~~

~~702—MULTIPLICATION~~

~~501—SPREADING CODE GENERATION~~

~~202—MAPPING~~

~~TRANSMISSION DATA~~

~~204—SYMBOL COPY~~

~~205—MULTIPLICATION~~

~~206—FILTER~~

~~207—QUADRATURE MODULATION~~

FIG.13

~~800—CDMA RECEPTION APPARATUS~~

~~801—SCRAMBLING CODE GENERATION~~

~~802—MULTIPLICATION~~

~~601—SPREADING CODE GENERATION~~

~~303—QUADRATURE DEMODULATION~~

~~304—FILTER~~

~~306—MULTIPLICATION~~

~~307—INTER-SYMBOL-ADDITION~~

~~308—DEMAPPING~~

~~RECEPTION-DATA~~

~~FIG.14~~

~~3-factor-SPREADING~~

~~6-factor-SPREADING~~

~~9-factor-SPREADING~~

~~12-factor-SPREADING~~

~~15-factor-SPREADING~~

~~18-factor-SPREADING~~

~~FIG.15~~

~~900—CDMA-TRANSMISSION-APPARATUS~~

~~TRANSMISSION-DATA-#1~~

~~202A—MAPPING-#1~~

~~206—FILTER~~

~~207—QUADRATURE-MODULATION~~

~~FIG.16~~

~~1000—CDMA-RECEPTION-APPARATUS~~

~~303—QUADRATURE-DEMODULATION~~

304—FILTER

308a—DEMAPPING #1

RECEPTION DATA #1

FIG.17

1100—CDMA RECEPTION APPARATUS

15-factor SPREADING

9-factor SPREADING

3-factor SPREADING

TRANSMISSION DATA #1

202—MAPPING #1

1101—FIVE-POINT IDFT

1102—1103 THREE-POINT IDFT

206—FILTER

207—QUADRATURE MODULATION

FIG.18

1200—CDMA RECEPTION APPARATUS

1201-1203 THREE-POINT DFT

1202—FIVE-POINT DFT

303—QUADRATURE DEMODULATION

304—FILTER

~~308—DEMAPPING #1~~

~~RECEPTION DATA #1~~

~~15-factor SPREADING~~

~~9-factor SPREADING~~

~~3-factor SPREADING~~